

## CLAIMS

### What Is Claimed Is:

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a6
1. An intrusion detection radio appliance comprising:
    - a body having an infrared motion sensor;
    - a microprocessor held in the body and connected to the infrared motion sensor; the microprocessor including means to activate a synthesized audio output in response to receipt of a signal signifying that motion has been detected by the infrared motion sensor;
    - a port in the body for plugging in a transceiver adapted to be activated by the microprocessor to receive and broadcast the synthesized audio output; and
    - the body including a base and a back for selectively supporting the intrusion detection radio appliance in an upright position in an area to be monitored.
  2. The intrusion detection radio appliance of claim 1 wherein the body includes an internal power source and the back of the body includes a securing means thereon.
  3. The intrusion detection radio appliance of claim 2 wherein the securing means is a hook and loop fastener.
  4. The intrusion detection radio appliance of claim 2 wherein the securing means is a magnetic holding strip.
  5. The intrusion detection radio appliance of claim 2 wherein the body includes an analog record/playback device therein, and has a front with an opening formed therein, and the infrared motion detector extends through the opening.

1 6. The intrusion detection radio appliance of claim 5, further including a  
2 battery power source, and wherein the microprocessor includes a means to  
3 switch power on and off to prolong battery life.

1 7. The intrusion detection radio appliance of claim 6 wherein the back of  
2 the body includes a securing means thereon.

1 8. The intrusion detection radio appliance of claim 7 wherein the securing  
2 means is a magnetic holding strip.

1 9. The intrusion detection radio appliance of claim 7 wherein the securing  
2 means is a hook and loop fastener.

1 10. The intrusion detection radio appliance of claim 1 wherein the body  
2 includes an analog record/playback device therein, and has a front with an  
3 opening formed therein, and the infrared motion detector extends through the  
4 opening.

1 11. An intrusion detection radio appliance comprising:  
2 a body having an infrared motion sensor held therein;  
3 the body including a base, a front, two sides, a top and a back;  
4 a microprocessor held in the body and connected to the infrared motion  
5 sensor and a battery held in the body; the microprocessor including means to  
6 activate a synthesized tone or voice recorded on a device held in the body, in  
7 response to motion detected by the infrared motion sensor;  
8 a transceiver plugged into a port in the body and activated by the  
9 microprocessor to receive and broadcast the synthesized tone or voice and  
10 ambient sound or pictures; and  
11 means mounted on the back of the body for supporting the body on a  
12 vertical surface.

12. The intrusion detection radio appliance of claim 11 wherein the means mounted on the back of the body is a hook and loop fastener.

13. The intrusion detection radio appliance of claim 11 wherein the means mounted on the back of the body is a magnetic holding strip.

14. The intrusion detection radio appliance of claim 11 wherein the device held in the body is an analog record/playback device and the microprocessor includes means to automatically switch power on and off to prolong battery life.

15. An intrusion detection radio appliance comprising:  
a body having a base, a front, two sides, a top and a back;  
an infrared motion sensor held in the body and extending through an opening formed in the front;

a microprocessor held in the body and connected to the infrared motion sensor and a battery held in the body; the microprocessor including means to activate a synthesized tone or voice recorded on an analog record/playback device held in the body, in response to motion detected by the infrared motion sensor;

a transceiver plugged into a port in the body and activated by the microprocessor to receive and broadcast the synthesized tone or voice and ambient sound or pictures; and

means mounted on the back of the body for supporting the body on a vertical surface.

16. The intrusion detection radio appliance of claim 15 wherein the means mounted on the back of the body is a hook and loop fastener.

17. The intrusion detection radio appliance of claim 16 wherein the means mounted on the back of the body is a magnetic holding strip.